WHAT IS CLAIMED IS

1. A portable object such as, in particular, a timepiece, including means for displaying at least one data item and a case formed of a top portion including a crystal covering the display means and a bottom portion delimited by a back cover located below said display means, this object including a piezoelectric transducer generating an electric voltage when mechanical pressure is exerted on said top portion, the voltage generated by the piezoelectric transducer being applied to a first electronic circuit which will generate a logic signal in response to the pressure exerted, this electronic circuit being arranged inside said case, wherein said piezoelectric transducer is arranged in the bottom portion of said case and is rigidly connected to said case.

2. A portable object according to claim 1, wherein the piezoelectric transducer is bonded to the back cover of the case.

3. A portable object according to claim 1, wherein it further includes a second electronic circuit which causes the piezoelectric transducer to operate as a vibration source for an acoustic generator.

4. A portable object according to claim 1, wherein the first electronic circuit, connected in parallel across the piezoelectric transducer, includes amplification and conversion means in a logic signal of the voltage generated by said piezoelectric transducer under the effect of mechanical pressure.

5. A portable object according to claim 3, wherein the first electronic circuit further includes means for filtering the acoustic pulses generated by the piezoelectric transducer when the latter operates as a sound generator.

6. A portable object according to claim 5, wherein the filtering means include a resistor and a capacitor.

7. A portable object according to claim 5, wherein the filter is a digital filter, a filter with switched capacitors or made with an active filter.

8. A portable object according to claim 4, wherein the amplification and conversion means respectively include a circuit branch in which a transistor and a resistor are mounted in series and an inverter connected in parallel across said circuit branch.

9. A portable object according to claim 8, wherein the inverter is of the CMOS type.

10. A portable object according to claim 8, wherein a polarisation resistor is mounted in parallel between the piezoelectric transducer and the circuit branch including the transistor.

11. A portable object according to claim 3, wherein the second electronic circuit includes:

- switching means arranged to be activated upon reception of a pulsed control signal, these means supplying acoustic frequency pulses to the piezoelectric transducer;

- means for supplying a voltage so as to cause an electrical current to flow in said switching means, and

- a coil connected between the means supplying a voltage and said switching means, said piezoelectric transducer being connected in parallel across the coil.

12. A portable object according to claim 11, wherein a capacitor is mounted between the coil and the piezoelectric transducer.

13. A portable object according to claim 11, wherein the second electronic circuit further includes a diode connected in series with the coil.

14. A portable object according to claim 11, wherein the switching means are formed by a transistor operating in switching mode.

15. A portable object according to claim 14, wherein the transistor is a bipolar transistor.